

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005



weekly statistical bulletin

STATISTICS DEPARTMENT

VOL. 66 For Week Ended March 15, 1985

NO. 11

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending:	Last Week Ending:	Last Year Week Ending:	Change From Last Week	Change From Last Year
	03/15/85	03/08/85	03/16/84		
<u>Refinery Operations</u>					
Input to crude oil distillation units	11,493	11,454	12,160	39	-667
Operable capacity	15,621	15,621	16,309	0	-688
Percent operated	73.6	73.3	74.6		
<u>Motor Gasoline</u>					
Total motor gasoline production	5,846	6,091	6,238	-245	-392
Finished leaded motor gasoline production	2,037	2,254	2,625	-217	-588
Finished unleaded motor gasoline production	3,809	3,837	3,613	-28	196
Total motor gasoline stocks	220,407	223,329	238,148	-2,922	-17,741
Finished leaded motor gasoline stocks	81,976	82,914	98,158	-938	-16,182
Finished unleaded motor gasoline stocks	102,763	104,028	98,293	-1,265	4,470
<u>Distillate Fuel Oil</u>					
Distillate fuel oil production	2,138	2,294	2,469	-156	-331
Distillate fuel oil stocks	112,204	118,169	120,112	-5,965	-7,908
<u>Residual Fuel Oil</u>					
Residual fuel oil production	977	1,056	905	-79	72
Residual fuel oil stocks	47,302	48,519	49,084	-1,217	-1,782
<u>Imports</u>					
Crude oil imports	2,481	2,299	3,192	182	-711
Product imports	1,849	1,602	1,434	247	415
<u>Crude Oil Stocks</u>					
Crude oil stocks	332,264	325,350	329,395	6,914	2,869

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949

NA-Not Available

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Oper- ated
East Coast	1,092	979	1,007	1,405	71.7
Appal. No. 1	101	95	95	115	82.6
DISTRICT 1 TOTAL	1,193	1,074	1,102	1,520	72.5
Appal. No. 2	67	61	61	66	92.4
Ind., Ill., Ky.	1,788	1,693	1,711	2,309	74.1
Minn., Wis., Daks.	285	269	282	303	93.1
Okla., Kans., Mo.	574	532	538	743	72.4
DISTRICT 2 TOTAL	2,714	2,555	2,592	3,421	75.8
Inland Texas	544	482	488	562	86.8
Texas Gulf Coast	2,967	2,558	2,608	3,550	73.5
La. Gulf Coast	1,925	1,895	1,917	2,620	73.2
N. La. and Ark.	202	185	185	293	63.1
New Mexico	43	31	31	75	41.3
DISTRICT 3 TOTAL	5,681	5,151	5,229	7,100	73.6
DISTRICT 4 TOTAL	445	431	434	529	82.0
DISTRICT 5 TOTAL	2,136	2,136	2,136	3,051	70.0
TOTAL U.S.	12,169	11,347	11,493	15,621	73.6
TOTAL U.S.					
Weeks Ended:					
MAR. 8, 1985	12,259	11,312	11,454	15,621	73.3
MAR. 16, 1984	12,765	11,952	12,160	16,309	74.6
DISTRICTS 1-4					
Weeks Ended:					
MAR. 15, 1985	10,033	9,211	9,357	12,570	74.4
MAR. 8, 1985	10,104	9,164	9,299	12,570	74.0
MAR. 16, 1984	10,503	9,798	9,964	13,249	75.2

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U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline ¹	Motor Gasoline		Jet Fuel		Distillate Fuel Oil ²	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	521	126	395	14	45	220	168
Appal. No. 1	37	16	21	--	--	26	6
DISTRICT 1 TOTAL	558	142	416	14	45	246	174
Appal. No. 2	36	11	25	2	--	14	3
Ind., Ill., Ky.	1,066	388	678	15	133	321	55
Minn., Wis., Daks.	159	73	86	4	16	60	7
Okla., Kans., Mo.	328	157	171	8	29	123	9
DISTRICT 2 TOTAL	1,589	629	960	29	178	518	74
Inland Texas	288	126	162	32	23	109	27
Texas Gulf Coast	1,347	418	929	19	280	412	163
La. Gulf Coast	874	287	587	11	268*	304	73
N. La. and Ark.	56	21	35	9	--	51	6
New Mexico	24	14	10	3	2	6	--
DISTRICT 3 TOTAL	2,589	866	1,723	74	573*	882	269
DISTRICT 4 TOTAL	222	108	114	18	28	102	11
DISTRICT 5 TOTAL	888*	292	596*	70	247	390	449
TOTAL U.S.	5,846	2,037	3,809	205	1,071	2,138	977
TOTAL U.S.							
Weeks Ended:							
MAR. 8, 1985	6,091*	2,254	3,837*	243	905*	2,294	1,056
MAR. 16, 1984	6,238	2,625	3,613	233	864	2,469	905
DISTRICTS 1-4							
Weeks Ended:							
MAR. 15, 1985	4,958	1,745	3,213	135	824	1,748	528
MAR. 8, 1985	5,236	1,951	3,285	216	665*	1,907	591
MAR. 16, 1984	5,324	2,263	3,061	165	641	2,092	585

¹Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

²Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

NA-Not Available

API WEEKLY STATISTICAL BULLETIN

Week Ended March 15, 1985

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline ¹	Motor Gasoline			Jet Fuel		Distillate Fuel Oil ²	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	5,760	2,527	3,232	1	109	588	5,779	1,114	--
Central Atlantic	28,409*	9,462*	14,951*	3,996	428	2,844*	22,364*	17,034	10,671
Lower Atlantic	25,294*	9,754*	15,268*	272	280	4,372	13,374*	3,423	576
DISTRICT 1 TOTAL	59,463*	21,743*	33,451*	4,269	817	7,804*	41,517*	21,571	11,247
DISTRICT 2 TOTAL	67,501	29,762	30,649	7,090	1,277	8,270	36,617	3,400	16,024
DISTRICT 3 TOTAL	57,948	17,784	25,935	14,229	2,222	12,002*	19,603*	10,792	45,924
DISTRICT 4 TOTAL	8,009	3,357	2,504	2,148	411	673	3,248	472	2,405
DISTRICT 5 TOTAL	27,486	9,330	10,224	7,932	1,512	6,493	11,219	11,067	26,453*
TOTAL U.S.	220,407	81,976	102,763	35,668	6,239	35,242	112,204	47,302	102,053
TOTAL U.S.									
Weeks Ended:									
MAR. 8, 1985	223,329*	82,914*	104,028*	36,387	6,369	34,796*	118,169*	48,519	100,321*
MAR. 16, 1984	238,148	98,158	98,293	41,697	6,422	33,558	120,112	49,084	110,408
DISTRICTS 1-4									
Weeks Ended:									
MAR. 15, 1985	192,921	72,646	92,539	27,736	4,727	28,749	100,985	36,235	75,600
MAR. 8, 1985	194,547*	73,344*	93,071*	28,132	4,817	28,224*	107,454*	37,019	74,621
MAR. 16, 1984	210,962	89,713	87,520	33,729	4,542	27,585	109,040	40,350	83,604

¹Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.²Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended March 15, 1985

**ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE),
IMPORTS AND STOCKS OF CRUDE OIL**

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production ¹		Crude Oil Imports ¹		Crude Oil Stocks By Location ¹
	API	Latest Dist.	Total	From Canada	
	Monthly	of Energy Oct. 1984			
----- Daily Average -----					
DISTRICTS 1-4 TOTAL					
MAR. 15, 1985	5,950.0	5,996.0	2,208	306	239,221
MAR. 8, 1985	5,950.0	--	2,214	223	232,151
MAR. 1, 1985	5,892.0	--	2,501	352	232,025
FEB. 22, 1985	5,892.0	--	2,316	305	233,761
DISTRICT 5 TOTAL					
MAR. 15, 1985	3,009.1	2,888.0	273	38	93,043 ‡
MAR. 8, 1985	3,009.1	--	85	39	93,199*
MAR. 1, 1985	3,018.8	--	184	29	88,141
FEB. 22, 1985	3,018.8	--	218	53	82,759
‡INCLUDES 31,150 BBLs. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.					
TOTAL U.S.					
MAR. 15, 1985	8,959.1	8,884.0	2,481	344	332,264 ‡
MAR. 8, 1985	8,959.1	--	2,299	262	325,350*
MAR. 1, 1985	8,910.8	--	2,685	381	320,166
FEB. 22, 1985	8,910.8	--	2,534	358	316,520
MAR. 16, 1984	8,580.0 /a	--	3,192	248	329,395
/a - DOE actual for March 1984.					

LOCATION OF CRUDE OIL STOCKS¹

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
MAR. 15, 1985	14,413	68,630	142,330	13,848	239,221	93,043 #	332,264 #
MAR. 8, 1985	13,497	68,094	136,698	13,862	232,151	93,199*	325,350*
MAR. 16, 1984	14,772	73,360	146,744	14,023	248,899	80,496	329,395

¹See definitional notes, Page 6.

* See Revisions on Page 7.

API WEEKLY STATISTICAL BULLETIN
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IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline ¹	Motor Gasoline		Jet Fuel		Distillate Fuel Oil ²	Residual Fuel Oil	L.P.G.	Unfinished Oil ³	Other	Total
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type						
New England	13	--	13	--	--	66	--	14	--	--	93
Central Atlantic	242	109	133	--	--	--	465	14	55	57	833
Lower Atlantic	81	43	38	--	--	24	198	--	--	59	362
DISTRICT 1 TOTAL											
MAR. 15, 1985	336	152	184	--	--	90	663	28	55	116	1,288
MAR. 8, 1985	343	121	222	--	4	150	457	17	34	72	1,077
MAR. 1, 1985	310	131	179	--	21	147	433	21	16	42	990
FEB. 22, 1985	292	160	132	--	22	142	594	8	76	101	1,235
DISTRICTS 2-4 TOTAL											
MAR. 15, 1985	84	69	15	--	12	4	89	180	39	73	481
MAR. 8, 1985	17	12	5	--	--	65	22	217	73	49	443
MAR. 1, 1985	15	10	5	--	--	--	28	154	76	73	346
FEB. 22, 1985	15	6	9	--	--	63	62	188	89	34	451
DISTRICT 5 TOTAL											
MAR. 15, 1985	26	6	20	--	--	6	15	24	--	9	80
MAR. 8, 1985	46	32	14	--	4	5	9	10	--	8	82
MAR. 1, 1985	42	30	12	--	--	6	12	14	--	13	87
FEB. 22, 1985	72	60	12	--	--	6	10	20	--	9	117
TOTAL U.S.	446	227	219	--	12	100	767	232	94	198	1,849
TOTAL U.S. Weeks Ended:											
MAR. 8, 1985	406	165	241	--	8	220	488	244	107	129	1,602
MAR. 1, 1985	367	171	196	--	21	153	473	189	92	128	1,423
FEB. 22, 1985	379	226	153	--	22	211	666	216	165	144	1,803
MAR. 16, 1984	133	21	112	--	53	143	590	129	260	126	1,434

¹Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

²Includes Grade No. 4 fuel oil.

³See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District I is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.

Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.

Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.

The Total of crude oil imports includes receipts from Canada.

Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.

Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

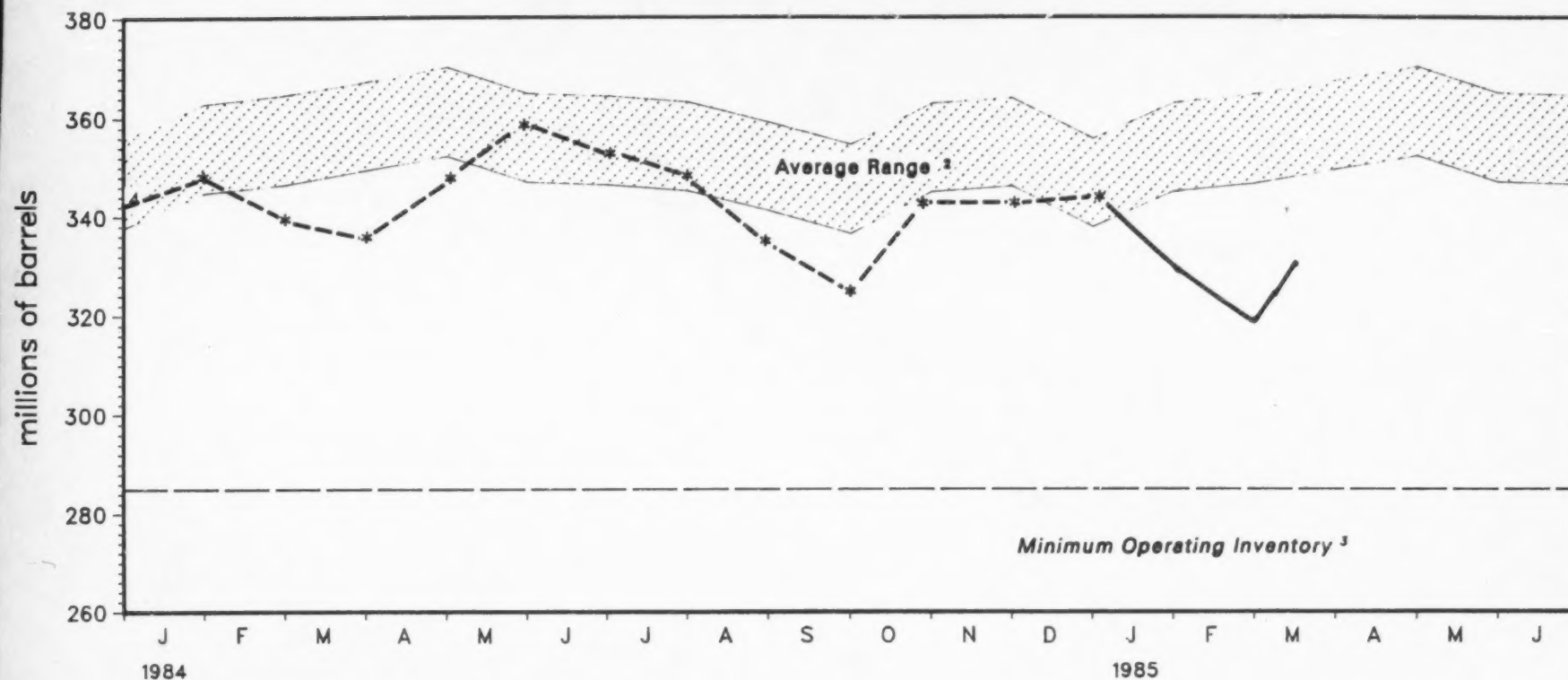
Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

API STATISTICAL BULLETIN
WEEK ENDED: MAR. 15, 1985

REVISIONS

03/08/85	PAGE 2	TOTAL MGAS	DISTRICT 5 TOTAL	855
			TOTAL U.S.	6,091
		UNLEADED MGAS	DISTRICT 5 TOTAL	552
			TOTAL U.S.	3,837
		KEROSINE JET	LA. GULF COAST	251
			DISTRICT 3 TOTAL	477
			TOTAL U.S.	905
			DISTRICTS 1-4	665
	PAGE 3	TOTAL MGAS	CENTRAL ATLANTIC	26,989
			LOWER ATLANTIC	26,231
			DISTRICT 1 TOTAL	58,985
			TOTAL U.S.	223,329
			DISTRICTS 1-4	194,547
		LEADED MGAS	CENTRAL ATLANTIC	8,977
			LOWER ATLANTIC	10,483
			DISTRICT 1 TOTAL	21,930
			TOTAL U.S.	82,914
			DISTRICTS 1-4	73,344
		UNLEADED MGAS	CENTRAL ATLANTIC	14,136
			LOWER ATLANTIC	15,524
			DISTRICT 1 TOTAL	32,954
			TOTAL U.S.	104,028
			DISTRICTS 1-4	93,071
		KEROSINE JET	CENTRAL ATLANTIC	3,371
			DISTRICT 1 TOTAL	7,808
			DISTRICT 3 TOTAL	12,156
			TOTAL U.S.	34,796
			DISTRICTS 1-4	28,224
		DISTILLATE FUEL	CENTRAL ATLANTIC	24,824
			LOWER ATLANTIC	13,093
			DISTRICT 1 TOTAL	44,183
			DISTRICT 3 TOTAL	21,252
			TOTAL U.S.	118,169
			DISTRICTS 1-4	107,454
		UNFINISHED OILS	DISTRICT 5 TOTAL	25,700
			TOTAL U.S.	100,321
	PAGE 4 T	CRUDE OIL STOCKS	DISTRICT 5 TOTAL	93,199
			TOTAL U.S.	325,350
	PAGE 4 B	TOTAL	PAD DISTRICT 5	93,199
			TOTAL U.S.	325,350

Crude Oil Stocks at Primary Level ^{1 5}



¹ Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.

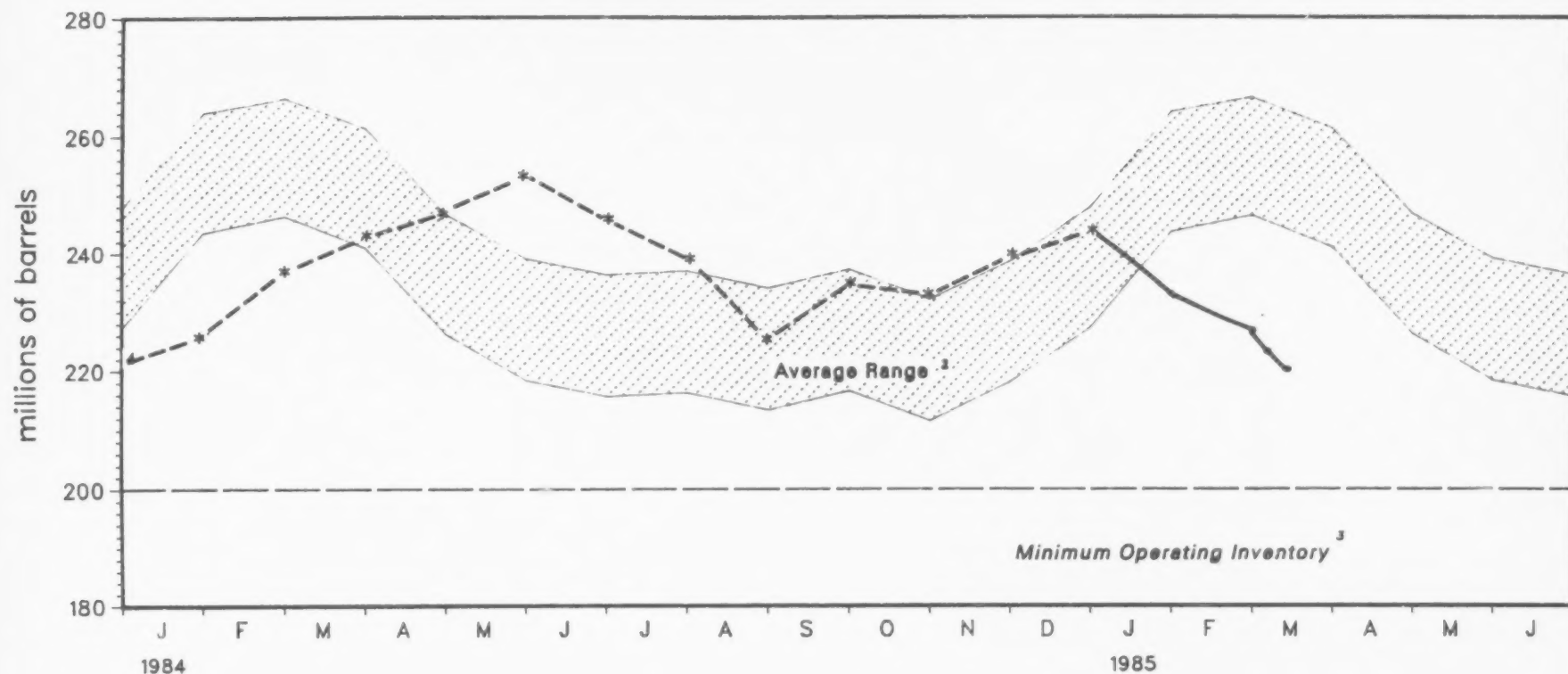
² Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1981 - June 1983. The seasonal pattern is based on seven years of monthly data: January 1977 - December 1983.

³ The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for crude oil at 285 million barrels.

⁴ Source: * -- EIA, Energy Data Reports, Petroleum Statement, Monthly.
 • -- API, Weekly Statistical Bulletin.

⁵ The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.

Motor Gasoline Stocks at Primary Level ^{1 5}



¹ Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

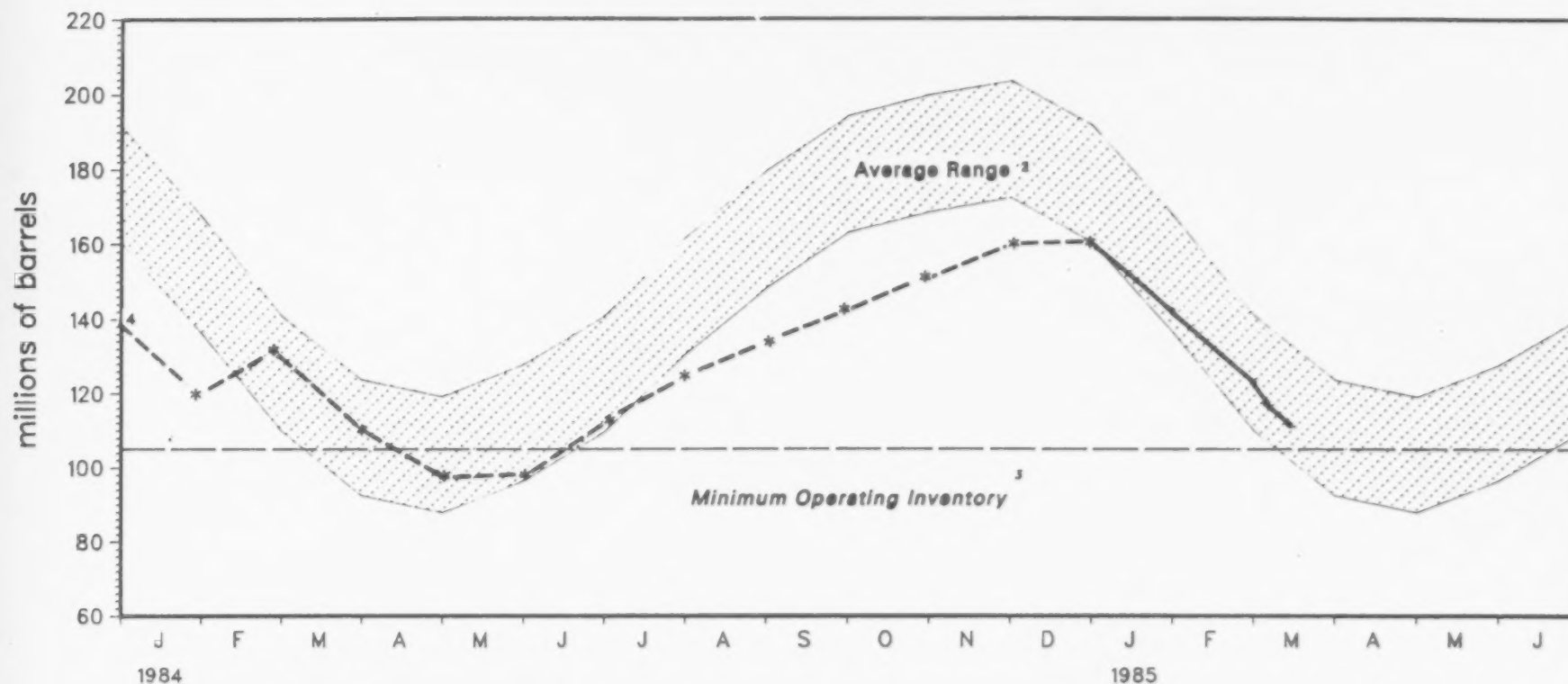
² Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1981 - June 1984. The seasonal pattern is based on six years of monthly data: January 1978 - December 1983.

³ The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for motor gasoline at 200 million barrels.

⁴ Source: * -- EIA, Energy Data Reports, Petroleum Statement, Monthly.
• -- API, Weekly Statistical Bulletin.

⁵ The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.

Distillate Fuel Oil Stocks at Primary Level ^{1 5}



¹ Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

² Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1981 - June 1984. The seasonal pattern is based on seven years of monthly data: January 1977 - December 1983.

³ The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for distillate fuel oil at 105 million barrels.

⁴ Source: * -- EIA, Energy Data Reports, Petroleum Statement, Monthly.
 * -- API, Weekly Statistical Bulletin.

⁵ The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.